

BEST AVAILABLE COPY

Sephadex™

| Order Information | | | | |
|-------------------------|-----------|------|--------------|----------|
| Product | Pack size | Info | Product Code | Price |
| Sephadex G-10 | 100 g | | 17-0010-01 | \$158.00 |
| Sephadex G-10 | 500 g | | 17-0010-02 | \$674.00 |
| Sephadex G-10 | 5 kg | | 17-0010-03 | POR |
| Sephadex G-15 | 100 g | | 17-0020-01 | \$188.00 |
| Sephadex G-15 | 500 g | | 17-0020-02 | \$674.00 |
| Sephadex G-15 | 5 kg | | 17-0020-03 | POR |
| Sephadex G-25 Coarse | 100 g | | 17-0034-01 | \$161.00 |
| Sephadex G-25 Coarse | 500 g | | 17-0034-02 | \$680.00 |
| Sephadex G-25 Coarse | 5 kg | | 17-0034-03 | POR |
| Sephadex G-25 Coarse | 40 kg | | 17-0034-07 | POR |
| Sephadex G-25 medium | 100 g | | 17-0033-01 | \$159.00 |
| Sephadex G-25 medium | 500 g | | 17-0033-02 | \$693.00 |
| Sephadex G-25 medium | 5 kg | | 17-0033-03 | POR |
| Sephadex G-25 Fine | 100 g | | 17-0032-01 | \$164.00 |
| Sephadex G-25 Fine | 500 g | | 17-0032-02 | \$680.00 |
| Sephadex G-25 Fine | 5 kg | | 17-0032-03 | POR |
| Sephadex G-25 Superfine | 100 g | | 17-0031-01 | \$207.00 |
| Sephadex G-25 Superfine | 500 g | | 17-0031-02 | \$651.00 |
| Sephadex G-25 Superfine | 5 kg | | 17-0031-03 | POR |
| Sephadex G-50 Coarse | 100 g | | 17-0044-01 | \$174.00 |
| Sephadex G-50 Coarse | 500 g | | 17-0044-02 | \$727.00 |
| Sephadex G-50 Coarse | 5 kg | | 17-0044-03 | POR |
| Sephadex G-50 medium | 100 g | | 17-0043-01 | \$174.00 |
| Sephadex G-50 medium | 500 g | | 17-0043-02 | \$727.00 |
| Sephadex G-50 medium | 5 kg | | 17-0043-03 | POR |
| Sephadex G-50 Fine | 100 g | | 17-0042-01 | \$178.00 |
| Sephadex G-50 Fine | 500 g | | 17-0042-02 | \$733.00 |
| Sephadex G-50 Fine | 5 kg | | 17-0042-03 | POR |
| Sephadex G-50 Superfine | 100 g | | 17-0041-01 | \$233.00 |
| Sephadex G-50 Superfine | 5 kg | | 17-0041-03 | POR |
| Sephadex G-75 | 100 g | | 17-0050-01 | \$191.00 |
| Sephadex G-75 | 500 g | | 17-0050-02 | \$801.00 |
| Sephadex G-75 | 5 kg | | 17-0050-03 | POR |

Customers who bought these also bought:

| | | | | | |
|---|-------|--|------------|----------|-----------------------------|
| Disposable PD-10 Desalting Columns, 30 | 30 EA | | 17-0851-01 | \$180.00 | add to cart |
| dNTP Set, 100 mM Solutions (dATP, dCTP, dGTP, dTTP), 4 x 25 μ mol | 1 EA | | 27-2035-01 | \$203.00 | add to cart |
| MegaBACE 500 & 1000 Capillary Array (one array of 16 capillaries), 1 | 1 EA | | MB-CAPL | \$720.00 | add to cart |
| SEPHADEX G-100 100 G | 100 G | | 17-0060-01 | \$261.00 | add to cart |
| ECL Plus Western Blotting Detection Reagents, For 1000 cm^2 membrane | 1 EA | | RPN2132 | \$218.00 | add to cart |
| Empty Disposable PD-10 Columns, 50 | 50 EA | | 17-0435-01 | \$110.00 | add to cart |

■ *BioProcess media. Process-scale quantities are available. More information on BioProcess media can be obtained from your local sales office.*

- Sephadex™ G-25 is the first choice for desalting – faster and safer than dialysis.
- Sephadex™ G-25 is ideal for buffer exchange and for removal of free label, e.g. ^{32}P , ^{125}I , ^{35}S .
- The classic gel filtration medium.

Available in lab packs or in prepacked columns. For high-resolution gel filtration, see Superdex™ media and columns.

All grades of Sephadex™ G-25 satisfy process-scale chromatography requirements.

TECHNICAL SPECIFICATIONS

| Medium | Working pH Range | Particle Size Range | Bed Vol. (ml/g) in Distilled Water | Fractionation Range (M_r) | | Rate (ml/min) | Max. Pressure (bar) |
|-----------------------|------------------|---------------------|------------------------------------|---------------------------------|-----------------------------------|---------------|---------------------|
| | | | | Dextrans | Globular proteins | | |
| Sephadex™ G-10 | 2-13 | 55-165 | 2-3 | $< 7 \times 10^2$ | $< 7 \times 10^2$ | D | D |
| Sephadex™ G-15 | 2-13 | 60-180 | 2.5-3.5 | $< 1.5 \times 10^3$ | $< 1.5 \times 10^3$ | D | D |
| Sephadex™ G-25 Coarse | 2-13 | 170-520 | 4-6 | $1 \times 10^2 - 5 \times 10^3$ | $1 \times 10^3 - 5 \times 10^3$ | D | D |
| Fine | | 35-140 | | | | | |
| Medium | | 85-260 | | | | | |
| Superfine | | 17-70 | | | | | |
| Sephadex™ G-50 Coarse | 2-10 | 200-610 | 9-11 | $5 \times 10^2 - 1 \times 10^4$ | $1.5 \times 10^3 - 3 \times 10^4$ | D | D |
| Fine | | 40-160 | | | | | |
| Medium | | 100-300 | | | | | |
| Superfine | | 20-80 | | | | | |
| Sephadex™ G-75 | 2-10 | 90-280 | 12-15 | $1 \times 10^3 - 5 \times 10^4$ | $3 \times 10^3 - 8 \times 10^4$ | 6.4 | 0.15 |

D. The beads behave as rigid spheres obeying Darcy's Law, see Darcy's Law.